

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 184  | trellis near2<br>quantiz\$6  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/27<br>10:40 |
| L2    | 35   | L1 and<br>((contrain\$4<br>limit\$4 reduc<br>\$4 constrict\$4<br>restrict\$4)<br>near3 (state<br>start end<br>node)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/27<br>10:40 |
| L3    | 10   | ((contrain\$4<br>limit\$4 reduc<br>\$4 constrict\$4<br>restrict\$4)<br>near3 L1)                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/27<br>10:43 |
| L4    | 184  | trellis near2<br>quantiz\$6  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/27<br>10:43 |
| L5    | 6    | L4 and<br>((contrain\$4<br>limit\$4 reduc<br>\$4 constrict\$4<br>restrict\$4)<br>near3<br>(block))                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/27<br>10:43 |
| L6    | 1932 | (line adj<br>spectral adj<br>frequenc\$4)<br>LSF   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/27<br>10:43 |

|     |      |   |   |    |    |                     |
|-----|------|---|---|----|----|---------------------|
| L7  | 247  | L6 and<br>((constrain\$4<br>limit\$4 reduc<br>\$4 constrict\$4<br>restrict\$4)<br>near3 (block<br>state start<br>end node)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/27<br>10:43 |
| L8  | 12   | L7 and trellis  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/27<br>10:43 |
| L9  | 20   | L4 and<br>((constrain\$4<br>limit\$4 reduc<br>\$4 constrict\$4<br>restrict\$4)<br>near3 trellis)                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/27<br>10:44 |
| L10 | 7740 | (line adj<br>spectral adj<br>(frequenc\$4<br>pair)) LSF LSP   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/27<br>10:44 |
| L11 | 23   | L4 and L10  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/27<br>10:44 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs            | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------------|------------------|---------|------------------|
| L12   | 21   | (trellis near2<br>quantiz\$6).clm.                      | USPAT;<br>UPAD | OR               | ON      | 2009/07/27 10:50 |
| L13   | 108  | ((line adj<br>spectral adj<br>frequenc\$4)<br>LSF).clm. | USPAT;<br>UPAD | OR               | ON      | 2009/07/27 10:53 |

|     |   |  |                |    |    |                  |
|-----|---|--|----------------|----|----|------------------|
| L14 | 0 | L13 and<br>((constrain\$4<br>limit\$4 reduc\$4<br>constrict\$4<br>restrict\$4)<br>near3 (block<br>state start end<br>node)).clm. | USPAT;<br>UPAD | OR | ON | 2009/07/27 10:53 |
| L15 | 0 | L13 and trellis.<br>clm.   | USPAT;<br>UPAD | OR | ON | 2009/07/27 10:54 |

**7/ 27/ 09 12:08:48 PM**

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wsp**